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(54) Title: **USE OF CRIPTO-1 AS A BIOMARKER FOR NEURODEGENERATIVE DISEASE AND METHOD OF INHIBITING PROGRESSION THEREOF**

(57) Abstract: A method of detecting a neurodegenerative disease in a mammal, which method comprises assaying the copy number of a Crip-to-1 gene or the expression level of a Crip-to-1 gene product in the central nervous system of the mammal, wherein an amplification of the Crip-to-1 gene or an overexpression of the Crip-to-1 gene product is indicative of a neurodegenerative disease in the mammal; a method of inhibiting progression of a neurodegenerative disease in a mammal, which method comprises administering to the mammal an agent that inhibits Crip-to-1 in an amount effective to inhibit Crip-to-1 in the central nervous system of the mammal, whereupon the progression of the neurodegenerative disease is inhibited; and an isolated or purified oligonucleotide consisting essentially of the sequence of **AAGCTATGGACTGCAGGAAGATGG** (SEQ ID NO: 3) or **AGAAGGCAGATGCCACTAGC** (SEQ ID NO: 4).



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